

Table 1A. Summary of Analytical Results, SR1 Area A and B Post Excavation Samples, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Sample Name	Residential Impact to Direct Contact	Groundwater Soil Criteria	SR-1-A-1B 1/20/2005 Final	SR-1-A-1SW 1/20/2005 Final	SR-1-A-2B 1/20/2005 Final	SR-1-A-2SW 1/20/2005 Final	SR-1-A-3SW 1/20/2005 Final	SR-1-A-4SW 1/20/2005 Final	SR-1-A-5SW 1/20/2005 Final	SR-1-A-6SW 1/20/2005 Final	SR-1B-1B 2/2005 Final	SR-1B-1SW 2/2005 Final	SR-1B-2B 2/2005 Final	SR-1B-2SW 2/2005 Final	SR-1B-3SW 2/2005 Final
Sample Date	Soil Criteria	Soil Criteria	1/20/2005 Final	1/20/2005 Final	1/20/2005 Final	1/20/2005 Final	1/20/2005 Final	1/20/2005 Final	1/20/2005 Final	1/20/2005 Final	2/2005 Final	2/2005 Final	2/2005 Final	2/2005 Final	2/2005 Final
Validation Status															
VOC															
1,1,1 -Trichloroethane	210	50	< 0.023	< 0.038	< 0.022	< 0.021	< 0.023	< 0.021	< 0.022	< 0.023	< 0.03	< 0.035	< 0.031	< 0.044	< 0.034
1,1,2,2-Tetrachloroethane	34	1	< 0.017	< 0.029	< 0.017	< 0.016	< 0.018	< 0.016	< 0.017	< 0.018	< 0.023	< 0.027	< 0.024	< 0.034	< 0.026
1,1,2-Trichloroethane	22	1	< 0.019	< 0.031	< 0.018	< 0.017	< 0.019	< 0.017	< 0.018	< 0.019	< 0.024	< 0.029	< 0.025	< 0.036	< 0.028
1,1-Dichloroethane	570	10	< 0.015	< 0.025	< 0.015	< 0.014	< 0.015	< 0.014	< 0.015	< 0.015	< 0.02	< 0.023	< 0.02	< 0.029	< 0.022
1,1-Dichloroethene	8	10	< 0.034	< 0.057	< 0.034	< 0.032	< 0.034	< 0.032	< 0.034	< 0.034	< 0.045	< 0.054	< 0.046	< 0.066	< 0.052
1,2,4-Trichlorobenzene	68	100	< 0.028	< 0.047	< 0.027	< 0.026	< 0.028	< 0.026	< 0.027	< 0.028	< 0.037	< 0.044	< 0.038	< 0.054	< 0.042
1,2-Dibromo-3-Chloropropane (DBCP)	NA	NA	< 0.069	< 0.12	< 0.067	< 0.065	< 0.069	< 0.065	< 0.067	< 0.069	< 0.091	< 0.11	< 0.093	< 0.13	< 0.1
1,2-Dibromoethane	NA	NA	< 0.017	< 0.028	< 0.016	< 0.016	< 0.017	< 0.016	< 0.016	< 0.017	< 0.022	< 0.026	< 0.022	< 0.032	< 0.025
1,2-Dichlorobenzene	5100	50	< 0.0095	< 0.016	< 0.0093	< 0.009	< 0.0096	< 0.009	< 0.0093	< 0.0096	< 0.013	< 0.015	< 0.013	< 0.018	< 0.014
1,2-Dichloroethane	6	1	< 0.014	< 0.023	< 0.013	< 0.013	< 0.014	< 0.013	< 0.013	< 0.014	< 0.018	< 0.021	< 0.018	< 0.026	< 0.02
1,2-Dichloropropane	10	NA	< 0.046	< 0.076	< 0.045	< 0.043	< 0.046	< 0.043	< 0.045	< 0.046	< 0.06	< 0.071	< 0.062	< 0.088	< 0.069
1,3-Dichlorobenzene	5100	100	< 0.027	< 0.046	< 0.027	< 0.026	< 0.027	< 0.026	< 0.027	< 0.027	< 0.036	< 0.043	< 0.037	< 0.053	< 0.041
1,4-Dichlorobenzene	570	100	< 0.015	< 0.026	< 0.015	< 0.014	< 0.015	< 0.014	< 0.015	< 0.015	< 0.02	< 0.024	< 0.021	< 0.03	< 0.023
2-Butanone (MEK)	1000	50	< 0.23	< 0.38	< 0.22	< 0.21	< 0.23	< 0.21	< 0.22	< 0.23	< 0.3	< 0.35	< 0.31	< 0.44	< 0.34
2-Hexanone	NA	NA	< 0.056	< 0.094	< 0.055	< 0.053	< 0.057	< 0.053	< 0.055	< 0.057	< 0.075	< 0.088	< 0.076	< 0.11	< 0.085
4-methyl-2-pentanone (MIBK)	1000	50	< 0.06	< 0.1	< 0.059	< 0.056	< 0.06	< 0.056	< 0.059	< 0.06	< 0.079	< 0.094	< 0.081	< 0.12	< 0.09
Acetone	1000	100	0.469 J	< 0.12	0.674	< 0.07	< 0.074	< 0.07	< 0.072	< 0.074	< 0.098	< 0.12	< 0.1	< 0.14	< 0.11
Benzene	3	1	0.055	< 0.021	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.016	< 0.019	< 0.017	< 0.024	< 0.018
Bromodichloromethane	11	1	< 0.0076	< 0.013	< 0.0074	< 0.0071	< 0.0076	< 0.0071	< 0.0074	< 0.0076	< 0.01	< 0.012	< 0.01	< 0.015	< 0.011
Bromoform	86	1	< 0.034	< 0.056	< 0.033	< 0.032	< 0.034	< 0.032	< 0.033	< 0.034	< 0.044	< 0.053	< 0.045	< 0.065	< 0.051
Bromomethane	79	1	< 0.052	< 0.087	< 0.051	< 0.049	< 0.052	< 0.049	< 0.051	< 0.052	< 0.068	< 0.081	< 0.07	< 0.1	< 0.078
Carbon disulfide	NA	NA	< 0.033	< 0.056	< 0.033	< 0.031	< 0.034	< 0.031	< 0.033	< 0.034	< 0.044	< 0.052	< 0.045	< 0.065	< 0.05
Carbon tetrachloride	2	1	< 0.058	< 0.097	< 0.057	< 0.055	< 0.058	< 0.055	< 0.057	< 0.058	< 0.077	< 0.091	< 0.078	< 0.11	< 0.087
Chlorobenzene	37	1	< 0.013	< 0.022	< 0.013	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.017	< 0.021	< 0.018	< 0.025	< 0.02
Chloroethane	NA	NA	< 0.053	< 0.088	< 0.052	< 0.05	< 0.053	< 0.05	< 0.052	< 0.053	< 0.07	< 0.083	< 0.071	< 0.1	< 0.079
Chloroform	19	1	< 0.023	< 0.038	< 0.022	< 0.021	< 0.023	< 0.021	< 0.022	< 0.023	< 0.03	< 0.035	< 0.03	< 0.043	< 0.034
cis-1,2-Dichloroethene	79	1	< 0.019	< 0.032	< 0.019	< 0.018	< 0.019	< 0.018	< 0.019	< 0.019	< 0.025	< 0.03	< 0.026	< 0.036	< 0.028
cis-1,3-Dichloropropene	4	1	< 0.015	< 0.025	< 0.015	< 0.014	< 0.015	< 0.014	< 0.015	< 0.015	< 0.02	< 0.023	< 0.02	< 0.029	< 0.022
Cyclohexane	NA	NA	0.296	< 0.047	< 0.028	< 0.027	< 0.028	< 0.027	< 0.028	< 0.028	< 0.037	< 0.044	< 0.038	< 0.054	< 0.042
Dibromochloromethane	110	1	< 0.027	< 0.045	< 0.026	< 0.025	< 0.027	< 0.025	< 0.026	< 0.027	< 0.036	< 0.042	< 0.036	< 0.052	< 0.04
Dichlorodifluoromethane	NA	NA	< 0.05	< 0.084	< 0.049	< 0.047	< 0.051	< 0.047	< 0.049	< 0.051	< 0.067	< 0.079	< 0.		

Table 1A. Summary of Analytical Results, SR1 Area A and B Post Excavation Samples, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Sample Name	Residential Impact to	SR-1-A-1B	SR-1-A-1SW	SR-1-A-2B	SR-1-A-2SW	SR-1-A-3SW	SR-1-A-4SW	SR-1-A-5SW	SR-1-A-6SW	SR-1-B-1B	SR-1-B-1SW	SR-1-B-2B	SR-1-B-2SW	SR-1-B-3SW
Sample Date	Direct Contact	Groundwater	1/20/2005	1/20/2005	1/20/2005	1/20/2005	1/20/2005	1/20/2005	1/20/2005	1/20/2005	2/2/2005	2/2/2005	2/2/2005	2/2/2005
Validation Status	Soil Criteria	Soil Criteria	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
SVOC														
1,1'-Biphenyl	NA	NA	< 0.019	< 0.021	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.022	< 0.023	< 0.022	< 0.024
2,4,5-Trichlorophenol	5600	50	< 0.021	< 0.023	< 0.02	< 0.02	< 0.02	< 0.021	< 0.021	< 0.024	< 0.025	< 0.024	< 0.027	< 0.026
2,4,6-Trichlorophenol	62	10	< 0.02	< 0.022	< 0.019	< 0.019	< 0.019	< 0.019	< 0.02	< 0.02	< 0.023	< 0.024	< 0.023	< 0.026
2,4-Dichlorophenol	170	10	< 0.022	< 0.025	< 0.022	< 0.022	< 0.022	< 0.022	< 0.023	< 0.026	< 0.027	< 0.027	< 0.026	< 0.029
2,4-Dimethylphenol	1100	10	< 0.027	< 0.03	< 0.027	< 0.026	< 0.026	< 0.026	< 0.027	< 0.027	< 0.031	< 0.033	< 0.031	< 0.034
2,4-Dinitrophenol	110	10	< 0.038	< 0.042	< 0.038	< 0.037	< 0.037	< 0.038	< 0.038	< 0.039	< 0.044	< 0.046	< 0.045	< 0.05
2,4-Dinitrotoluene	1	10	< 0.02	< 0.022	< 0.02	< 0.019	< 0.019	< 0.019	< 0.02	< 0.02	< 0.023	< 0.024	< 0.023	< 0.026
2,6-Dinitrotoluene	1	10	< 0.017	< 0.019	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.02	< 0.021	< 0.02	< 0.021
2-Chloronaphthalene	NA	NA	< 0.019	< 0.021	< 0.019	< 0.018	< 0.018	< 0.019	< 0.019	< 0.019	< 0.022	< 0.023	< 0.022	< 0.025
2-Chlorophenol	280	10	< 0.02	< 0.022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.023	< 0.024	< 0.023	< 0.025
2-Methylnaphthalene	NA	NA	0.247	< 0.021	0.0413 J	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.022	< 0.023	< 0.022	< 0.025
2-Methylphenol	2800	NA	< 0.027	< 0.03	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.028	< 0.032	< 0.033	< 0.032	< 0.036
2-Nitroaniline	NA	NA	< 0.023	< 0.026	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.027	< 0.028	< 0.027	< 0.03
2-Nitrophenol	NA	NA	< 0.025	< 0.028	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.026	< 0.03	< 0.031	< 0.033	< 0.032
3&4-Methylphenol	NA	NA	< 0.037	< 0.041	< 0.037	< 0.036	< 0.036	< 0.036	< 0.037	< 0.037	< 0.043	< 0.045	< 0.043	< 0.048
3,3'-Dichlorobenzidine	2	100	< 0.025	< 0.028	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.029	< 0.03	< 0.029	< 0.032
3-Nitroaniline	NA	NA	< 0.023	< 0.026	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.024	< 0.027	< 0.029	< 0.027	< 0.031
4,6-Dinitro-o-cresol	NA	NA	< 0.021	< 0.023	< 0.02	< 0.02	< 0.02	< 0.02	< 0.021	< 0.021	< 0.024	< 0.025	< 0.024	< 0.026
4-Bromophenyl phenyl ether	NA	NA	< 0.019	< 0.022	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.02	< 0.022	< 0.024	< 0.023	< 0.025
4-Chloro-3-Methylphenol	10000	100	< 0.027	< 0.03	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.028	< 0.032	< 0.033	< 0.032	< 0.036
4-Chloroaniline	230	NA	< 0.023	< 0.025	< 0.023	< 0.022	< 0.022	< 0.023	< 0.023	< 0.023	< 0.027	< 0.028	< 0.027	< 0.03
4-Chlorophenyl phenyl ether	NA	NA	< 0.018	< 0.02	< 0.018	< 0.017	< 0.018	< 0.018	< 0.018	< 0.018	< 0.021	< 0.022	< 0.021	< 0.023
4-Nitroaniline	NA	NA	< 0.021	< 0.023	< 0.021	< 0.02	< 0.02	< 0.021	< 0.021	< 0.021	< 0.024	< 0.025	< 0.024	< 0.027
4-Nitrophenol	NA	NA	< 0.073	< 0.081	< 0.072	< 0.071	< 0.071	< 0.072	< 0.073	< 0.074	< 0.085	< 0.089	< 0.085	< 0.095
Acenaphthene	3400	100	< 0.021	< 0.023	< 0.021	0.0242 J	< 0.02	< 0.02	< 0.021	< 0.021	< 0.024	< 0.025	< 0.024	< 0.027
Acenaphthylene	NA	NA	< 0.016	< 0.017	< 0.015	< 0.015	< 0.015	< 0.015	< 0.016	< 0.016	< 0.018	< 0.019	< 0.018	< 0.02
Acetophenone	NA	NA	< 0.02	< 0.022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.023	< 0.024	< 0.024	< 0.025
Anthracene	10000	100	< 0.019	< 0.022	< 0.019	0.175	< 0.019	< 0.019	< 0.019	< 0.02	< 0.023	< 0.024	< 0.023	< 0.025
Atrazine	NA	NA	< 0.03	< 0.034	< 0.03	< 0.029	< 0.03	< 0.03	< 0.03	< 0.031	< 0.035	< 0.037	< 0.035	< 0.038
Benzaldehyde	NA	NA	< 0.038	< 0.042	< 0.038	< 0.037	< 0.037	< 0.038	< 0.038	< 0.039	< 0.044	< 0.046	< 0.045	< 0.048
Benzo(a)anthracene	0.9	500	< 0.02	< 0.023	< 0.02	0.572	< 0.02	< 0.02	< 0.02	< 0.021	< 0.024	< 0.025	< 0.024	< 0.027
Benzo(a)pyrene	0.66	100	< 0.017	< 0.019	< 0.017	0.525	< 0.017	< 0.017	< 0.017	< 0.017	< 0.02	< 0.021	< 0.02	< 0.022
Benzo(b)fluoranthene	0.9	50	< 0.018	< 0.019	< 0.017	0.465	< 0.017	< 0.017	< 0.018	< 0.018	< 0.02	< 0.021	< 0.02	< 0.022
Benzo(g,h,i)perylene	NA	NA	< 0.029 J	< 0.032 J	< 0.029 J	0.318 J	< 0.028 J	< 0.028 J	< 0.029 J	< 0.029 J	< 0.034 J	< 0.035 J	< 0.034 J	< 0.038 J
Benzo(k)fluoranthene	0.9	500	< 0.029	< 0.032	< 0.028	0.436	< 0.028	< 0.02						

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Sample Name	Residential	Impact to	SR-1-A-1B	SR-1-A-1SW	SR-1-A-2B	SR-1-A-2SW	SR-1-A-3SW	SR-1-A-4SW	SR-1-A-5SW	SR-1-A-6SW	SR-1B-1B	SR-1B-1SW	SR-1B-2B	SR-1B-2SW	SR-1B-3SW
Sample Date	Direct Contact	Groundwater	1/20/2005	1/20/2005	1/20/2005	1/20/2005	1/20/2005	1/20/2005	1/20/2005	1/20/2005	2/2/2005	2/2/2005	2/2/2005	2/2/2005	2/2/2005
Validation Status	Soil Criteria	Soil Criteria	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Fluoranthene	2300	100	< 0.017	< 0.019	0.0191 J	1.21	< 0.017	< 0.017	< 0.017	< 0.017	< 0.02	< 0.021	< 0.02	< 0.022	< 0.022
Fluorene	2300	100	< 0.019	< 0.021	< 0.019	0.0265 J	< 0.018	< 0.018	< 0.019	< 0.019	< 0.022	< 0.023	< 0.022	< 0.024	< 0.024
Hexachlorobenzene	0.66	100	< 0.019	< 0.021	< 0.019	< 0.018	< 0.018	< 0.019	< 0.019	< 0.019	< 0.022	< 0.023	< 0.022	< 0.024	< 0.024
Hexachlorobutadiene	1	100	< 0.024	< 0.026	< 0.024	< 0.023	< 0.023	< 0.024	< 0.024	< 0.024	< 0.028	< 0.029	< 0.028	< 0.031	< 0.03
Hexachlorocyclopentadiene	400	100	< 0.019	< 0.021	< 0.019	< 0.018	< 0.018	< 0.019	< 0.019	< 0.019	< 0.022	< 0.023	< 0.022	< 0.024	< 0.024
Hexachloroethane	6	100	< 0.02	< 0.022	< 0.02	< 0.019	< 0.019	< 0.02	< 0.02	< 0.02	< 0.023	< 0.024	< 0.023	< 0.026	< 0.025
Indeno(1,2,3-cd)pyrene	0.9	500	< 0.041 J	< 0.046 J	< 0.041 J	0.314 J	< 0.04 J	< 0.041 J	< 0.041 J	< 0.042 J	< 0.048 J	< 0.05 J	< 0.048 J	< 0.054 J	< 0.052 J
Isophrone	1100	50	< 0.021	< 0.023	< 0.021	< 0.02	< 0.02	< 0.02	< 0.021	< 0.021	< 0.024	< 0.025	< 0.024	< 0.027	< 0.026
Naphthalene	230	100	0.524	< 0.02	0.0623 J	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.021	< 0.022	< 0.021	< 0.024	< 0.023
Nitrobenzene	28	50	< 0.019	< 0.021	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.022	< 0.023	< 0.022	< 0.025	< 0.024
N-Nitroso-di-n-Propylamine	0.66	10	< 0.021	< 0.024	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.022	< 0.025	< 0.026	< 0.025	< 0.028	< 0.027
N-Nitrosodiphenylamine	140	1000	< 0.019	< 0.021	< 0.019	< 0.018	< 0.018	< 0.019	< 0.019	< 0.019	< 0.022	< 0.023	< 0.022	< 0.024	< 0.024
Pentachlorophenol	6	100	< 0.021	< 0.024	< 0.021	0.706 J	< 0.021	< 0.021	< 0.021	< 0.022	< 0.025	< 0.026	< 0.025	< 0.028	< 0.027
Phenanthrene	NA	NA	0.0331 J	< 0.022	< 0.02	0.54	< 0.019	< 0.019	< 0.02	< 0.02	< 0.023	< 0.024	< 0.023	< 0.026	< 0.025
Phenol	10000	50	< 0.028	< 0.031	< 0.028	< 0.027	< 0.027	< 0.027	< 0.028	< 0.028	< 0.032	< 0.034	< 0.033	< 0.036	< 0.035
Pyrene	1700	100	< 0.039	< 0.043	< 0.039	1.25	< 0.038	< 0.038	< 0.039	< 0.039	< 0.045	< 0.047	< 0.045	< 0.05	< 0.049
PCB															
PCB 1016	0.49	50	< 0.015	< 0.016	< 0.015	< 0.014	< 0.015	< 0.014	< 0.015	< 0.015	< 0.017	< 0.018	< 0.017	< 0.019	< 0.018
PCB 1221	0.49	50	< 0.0096	< 0.011	< 0.0095	< 0.0093	< 0.0095	< 0.0094	< 0.0096	< 0.0097	< 0.011	< 0.012	< 0.011	< 0.012	< 0.012
PCB 1232	0.49	50	< 0.013	< 0.015	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.015	< 0.016	< 0.015	< 0.017	< 0.017
PCB 1242	0.49	50	< 0.015	< 0.017	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.016	< 0.018	< 0.019	< 0.018	< 0.02	< 0.019
PCB 1248	0.49	50	< 0.003	< 0.0033	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0031	< 0.0035	< 0.0037	< 0.0035	< 0.0039
PCB 1254	0.49	50	< 0.0064	< 0.0071	< 0.0064	< 0.0063	< 0.0064	< 0.0064	< 0.0065	< 0.0066	0.0609	< 0.0078	< 0.0075	0.0682	< 0.0081
PCB 1260	0.49	50	< 0.014	< 0.015	< 0.014	< 0.013	< 0.014	< 0.013	< 0.013	< 0.014	< 0.014	< 0.016	< 0.017	< 0.016	< 0.018
Total PCBs	0.49	50	0	0	0	0	0	0	0	0	0.0609	0	0	0.0682	0
Metals															
Aluminum	NA	NA	6620	5740	7440	7240	8250	9930	9640	7990	24300 J	26300 J	25900 J	29800 J	30000 J
Antimony	14	NA	2.6 J	< 1.3 J	< 1 J	< 1 J	< 1.1 J	< 1.1 J	< 1.1 J	< 1.1 J	< 1.2 J	< 1.3 J	< 1.4 J	< 1.3 J	
Arsenic	20	NA	5.2	1.7	2.5	3	1.4	1.5	1.7	1.7	3.6	5.4	4	4.2	5
Barium	700	NA	75.5 J	< 26 J	33.3 J	33.1 J	27.8 J	49.8 J	30.3 J	24.8 J	70.3	39.7	75.6	59.2	62.2
Beryllium	2	NA	< 0.5	< 0.66	< 0.52	< 0.52	< 0.56	0.64	< 0.56	< 0.56	< 0.62	< 0.64	< 0.65	0.75	< 0.63
Cadmium	39	NA	< 0.5	< 0.66	< 0.52	< 0.52	< 0.56	< 0.56	< 0.56	< 0.56	< 0.62	< 0.64	< 0.65	< 0.68	< 0.63
Chromium	240	NA	17	11.1	12.6	14.3	11.6	16.7	12.7	10.5	33.5	26.7	38.1	27	34.7
Cobalt	NA	NA	7.4	< 6.6	7.1	8.7	7.8	10.6	8.2	7	13.9	7.2	13	7.9	12.3
Copper	600	NA	30.6 J	19.2 J	26.4 J	39.6 J	25.3 J	36 J	28.3 J	23.7 J	21.6	16.1	20.5	12.2	29.5
Iron	NA	NA	16500 J	13700 J	15600 J	19000 J	16100 J	19400 J	18400 J	15800 J	31700 J	25200 J	30300 J	27100 J	31000 J
Lead	400	NA	259 J	4.5 J	58.6 J	46.8 J	8.7 J								

Table 1A. Summary of Analytical Results

Sample Name	SR-1B-4SW	SR-1B-5SW	SR-1B-6SW	TB020205	TB-1/20/05
Sample Date	2/2/2005	2/2/2005	2/2/2005	2/2/2005	1/20/2005
Validation Status	Final	Final	Final	Final	Final
VOC					
1,1,1 -Trichloroethane	< 0.048	< 0.032	< 0.04	< 0.25	< 0.25
1,1,2,2-Tetrachloroethane	< 0.037	< 0.025	< 0.031	< 0.14	< 0.14
1,1,2-Trichloroethane	< 0.039	< 0.026	< 0.033	< 0.17	< 0.17
1,1-Dichloroethane	< 0.032	< 0.021	< 0.026	< 0.13	< 0.13
1,1-Dichloroethene	< 0.072	< 0.048	< 0.06	< 0.81	< 0.81
1,2,4-Trichlorobenzene	< 0.059	< 0.039	< 0.049	< 0.61	< 0.61
1,2-Dibromo-3-Chloropropane (DBCP)	< 0.15	< 0.097	< 0.12	< 1.1	< 1.1
1,2-Dibromoethane	< 0.035	< 0.024	< 0.029	< 0.47	< 0.47
1,2-Dichlorobenzene	< 0.02	< 0.013	< 0.017	< 0.19	< 0.19
1,2-Dichloroethane	< 0.029	< 0.019	< 0.024	< 0.35	< 0.35
1,2-Dichloropropane	< 0.096	< 0.064	< 0.08	< 0.11	< 0.11
1,3-Dichlorobenzene	< 0.058	< 0.038	< 0.048	< 0.18	< 0.18
1,4-Dichlorobenzene	< 0.032	< 0.022	< 0.027	< 0.29	< 0.29
2-Butanone (MEK)	< 0.48	< 0.32	< 0.4	< 2.5	< 2.5
2-Hexanone	< 0.12	< 0.08	< 0.1	< 0.73	< 0.73
4-methyl-2-pentanone (MIBK)	< 0.13	< 0.085	< 0.11	< 0.59	< 0.59
Acetone	< 0.16	< 0.1	< 0.13	< 2.3	< 2.3
Benzene	< 0.026	< 0.017	< 0.022	< 0.31	< 0.31
Bromodichloromethane	< 0.016	< 0.011	< 0.013	< 0.11	< 0.11
Bromoform	< 0.071	< 0.047	< 0.059	< 0.17	< 0.17
Bromomethane	< 0.11	< 0.073	< 0.091	< 0.15	< 0.15
Carbon disulfide	< 0.071	< 0.047	< 0.059	< 0.23	< 0.23
Carbon tetrachloride	< 0.12	< 0.082	< 0.1	< 0.15	< 0.15
Chlorobenzene	< 0.028	< 0.019	< 0.023	< 0.23	< 0.23
Chloroethane	< 0.11	< 0.074	< 0.093	< 0.73	< 0.73
Chloroform	< 0.048	< 0.032	< 0.04	< 0.081	< 0.081
cis-1,2-Dichloroethene	< 0.04	< 0.027	< 0.033	< 0.24	< 0.24
cis-1,3-Dichloropropene	< 0.031	< 0.021	< 0.026	< 0.071	< 0.071
Cyclohexane	< 0.06	< 0.04	< 0.05	< 0.17	< 0.17
Dibromochloromethane	< 0.057	< 0.038	< 0.048	< 0.18	< 0.18
Dichlorodifluoromethane	< 0.11	< 0.071	< 0.089	< 0.62	< 0.62
Ethylbenzene	< 0.062	0.38	< 0.052	< 0.27	< 0.27
Freon 113	< 0.11	< 0.074	< 0.093	< 0.35	< 0.35
Isopropylbenzene	< 0.11	< 0.076	< 0.095	< 0.33	< 0.33
Methyl tert butyl ether	< 0.036	< 0.024	< 0.03	< 0.28	< 0.28
Methylcyclohexane	< 0.038	< 0.025	< 0.031	< 0.16	< 0.16
Methylene chloride	< 0.041	< 0.027	< 0.034	< 0.2	< 0.2
o-Xylene	< 0.046	0.896	< 0.039	< 0.17	< 0.17
Styrene	< 0.035	< 0.024	< 0.03	< 0.12	< 0.12
Tetrachloroethene	< 0.047	< 0.031	< 0.039	< 0.37	< 0.37
Toluene	0.116	0.305	< 0.021	< 0.14	< 0.14
Trans-1,2-dichloroethene	< 0.04	< 0.027	< 0.033	< 0.17	< 0.17
trans-1,3-Dichloropropene	< 0.046	< 0.031	< 0.039	< 0.08	< 0.08
Trichloroethene	< 0.042	< 0.028	< 0.035	< 0.13	< 0.13
Trichlorofluoromethane	< 0.072	< 0.048	< 0.06	< 0.67	< 0.67
Vinyl Chloride	< 0.076	< 0.051	< 0.063	< 0.66	< 0.66
Xylene, -m,p	0.153 J	1.74	< 0.071	< 0.36	< 0.36
Xylenes	0.198 J	2.64	< 0.039	< 0.17	< 0.17

Table 1A. Summary of Analytical Results

Sample Name	SR-1B-4SW	SR-1B-5SW	SR-1B-6SW	TB020205	TB-1/20/05
Sample Date	2/2/2005	2/2/2005	2/2/2005	2/2/2005	1/20/2005
Validation Status	Final	Final	Final	Final	Final
SVOC					
1,1'-Biphenyl	< 0.027	< 0.023	< 0.026	NA	NA
2,4,5-Trichlorophenol	< 0.029	< 0.025	< 0.028	NA	NA
2,4,6-Trichlorophenol	< 0.028	< 0.023	< 0.027	NA	NA
2,4-Dichlorophenol	< 0.032	< 0.027	< 0.031	NA	NA
2,4-Dimethylphenol	< 0.038	< 0.032	< 0.037	NA	NA
2,4-Dinitrophenol	< 0.054	< 0.046	< 0.052	NA	NA
2,4-Dinitrotoluene	< 0.028	< 0.024	< 0.027	NA	NA
2,6-Dinitrotoluene	< 0.024	< 0.02	< 0.023	NA	NA
2-Chloronaphthalene	< 0.027	< 0.023	< 0.026	NA	NA
2-Chlorophenol	< 0.028	< 0.024	< 0.027	NA	NA
2-Methylnaphthalene	< 0.027	0.0325 J	< 0.026	NA	NA
2-Methylphenol	< 0.039	< 0.033	< 0.037	NA	NA
2-Nitroaniline	< 0.033	< 0.028	< 0.032	NA	NA
2-Nitrophenol	< 0.036	< 0.03	< 0.035	NA	NA
3&4-Methylphenol	< 0.053	< 0.044	< 0.051	NA	NA
3,3'-Dichlorobenzidine	< 0.035	< 0.03	< 0.034	NA	NA
3-Nitroaniline	< 0.033	< 0.028	< 0.032	NA	NA
4,6-Dinitro-o-cresol	< 0.029	< 0.025	< 0.028	NA	NA
4-Bromophenyl phenyl ether	< 0.028	< 0.023	< 0.026	NA	NA
4-Chloro-3-Methylphenol	< 0.039	< 0.033	< 0.038	NA	NA
4-Chloroaniline	< 0.033	< 0.027	< 0.031	NA	NA
4-Chlorophenyl phenyl ether	< 0.026	< 0.021	< 0.025	NA	NA
4-Nitroaniline	< 0.03	< 0.025	< 0.029	NA	NA
4-Nitrophenol	< 0.1	< 0.087	< 0.1	NA	NA
Acenaphthene	< 0.029	< 0.025	< 0.028	NA	NA
Acenaphthylene	< 0.022	< 0.019	< 0.021	NA	NA
Acetophenone	< 0.029	< 0.024	< 0.028	NA	NA
Anthracene	< 0.028	< 0.023	< 0.027	NA	NA
Atrazine	< 0.043	< 0.036	< 0.041	NA	NA
Benzaldehyde	< 0.054	< 0.046	< 0.052	NA	NA
Benzo(a)anthracene	< 0.029	< 0.024	< 0.028	NA	NA
Benzo(a)pyrene	< 0.024	< 0.02	< 0.023	NA	NA
Benzo(b)fluoranthene	< 0.025	0.0247 J	< 0.024	NA	NA
Benzo(g,h,i)perylene	< 0.041 J	< 0.035 J	< 0.04 J	NA	NA
Benzo(k)fluoranthene	< 0.041	< 0.034	< 0.039	NA	NA
Benzyl butyl phthalate	< 0.038	< 0.032	< 0.037	NA	NA
bis(2-Chloroethoxy)methane	< 0.027	< 0.023	< 0.026	NA	NA
bis(2-Chloroethyl)ether	< 0.033	< 0.028	< 0.032	NA	NA
bis(2-Chloroisopropyl)ether	< 0.034	< 0.029	< 0.033	NA	NA
bis(2-Ethylhexyl)phthalate	< 0.062	0.339	< 0.06	NA	NA
Caprolactam	< 0.043	< 0.036	< 0.042	NA	NA
Carbazole	< 0.029	< 0.025	< 0.028	NA	NA
Chrysene	< 0.029	0.0259 J	< 0.028	NA	NA
Dibenzo(a,h)anthracene	< 0.038 J	< 0.032 J	< 0.037 J	NA	NA
Dibenzofuran	< 0.026	< 0.022	< 0.025	NA	NA
Diethyl phthalate	< 0.032	< 0.027	< 0.031	NA	NA
Dimethyl phthalate	< 0.025	< 0.021	< 0.024	NA	NA
di-n-butyl phthalate	< 0.026	0.0911	< 0.025	NA	NA
di-n-octylphthalate	< 0.032	< 0.027	< 0.031	NA	NA

Table 1A. Summary of Analytical Results

Sample Name	SR-1B-4SW	SR-1B-5SW	SR-1B-6SW	TB020205	TB-1/20/05
Sample Date	2/2/2005	2/2/2005	2/2/2005	2/2/2005	1/20/2005
Validation Status	Final	Final	Final	Final	Final
Fluoranthene	< 0.024	0.031 J	< 0.023	NA	NA
Fluorene	< 0.027	< 0.022	< 0.026	NA	NA
Hexachlorobenzene	< 0.027	< 0.023	< 0.026	NA	NA
Hexachlorobutadiene	< 0.034	< 0.028	< 0.033	NA	NA
Hexachlorocyclopentadiene	< 0.027	< 0.023	< 0.026	NA	NA
Hexachloroethane	< 0.028	< 0.024	< 0.027	NA	NA
Indeno(1,2,3-cd)pyrene	< 0.059 J	< 0.049 J	< 0.057 J	NA	NA
Isophrone	< 0.029	< 0.025	< 0.028	NA	NA
Naphthalene	< 0.026	0.144	< 0.025	NA	NA
Nitrobenzene	< 0.027	< 0.023	< 0.026	NA	NA
N-Nitroso-di-n-Propylamine	< 0.03	< 0.025	< 0.029	NA	NA
N-Nitrosodiphenylamine	< 0.027	< 0.022	< 0.026	NA	NA
Pentachlorophenol	< 0.031	< 0.026	< 0.029	NA	NA
Phenanthrene	< 0.028	< 0.024	< 0.027	NA	NA
Phenol	< 0.04	< 0.033	< 0.038	NA	NA
Pyrene	< 0.055	< 0.046	< 0.053	NA	NA
PCB					
PCB 1016	< 0.02	< 0.017	< 0.02	NA	NA
PCB 1221	< 0.013	< 0.011	< 0.013	NA	NA
PCB 1232	< 0.018	< 0.015	< 0.018	NA	NA
PCB 1242	< 0.021	< 0.018	< 0.021	NA	NA
PCB 1248	< 0.0042	< 0.0035	< 0.0041	NA	NA
PCB 1254	< 0.0089	< 0.0075	< 0.0088	NA	NA
PCB 1260	< 0.019	< 0.016	< 0.019	NA	NA
Total PCBs	0	0	0	NA	NA
Metals					
Aluminum	34600 J	19700 J	31400 J	NA	NA
Antimony	< 1.7 J	< 1.3 J	< 1.6 J	NA	NA
Arsenic	4.6	6.7	5.4	NA	NA
Barium	86.6	66.6	65.3	NA	NA
Beryllium	< 0.85	< 0.66	0.79	NA	NA
Cadmium	< 0.85	< 0.66	< 0.78	NA	NA
Chromium	31.7	24.4	26.8	NA	NA
Cobalt	9.6	7.6	< 7.8	NA	NA
Copper	15.7	20.4	14.5	NA	NA
Iron	29700 J	20700 J	27100 J	NA	NA
Lead	8.8	51.5	14.5	NA	NA
Magnesium	2800 J	2810 J	2800 J	NA	NA
Manganese	185 J	191 J	141 J	NA	NA
Mercury	0.074	0.069	0.048	NA	NA
Potassium	< 850	709	< 780	NA	NA
Selenium	< 1.7	< 1.3	< 1.6	NA	NA
Silver	< 1.7	< 1.3	< 1.6	NA	NA
Sodium	< 850	< 660	< 780	NA	NA
Thallium	< 1.7	< 1.3	< 1.6	NA	NA
Vanadium	54.6	37.9	47.9	NA	NA
Zinc	54.4 J	159 J	94 J	NA	NA
Calcium	1010 J	2290 J	< 780 J	NA	NA

Footnotes on page 7.